



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

20 February 2007

Construction Report

Foundation Grouting. ACT continued the drilling and grouting in the gallery. Kiewit (subcontractor) is driving sheet pile on the upstream embankment for the temporary and permanent work platforms (see photo at right). An alternate borrow site was selected and approved by the environmental team. The original site was determined to have too much unsuitable material.

ProSonic installed 5 of the 19 new piezometers to improve monitoring capability in critical areas. A resonant sonic track drill rig is being used for the installation in order to maintain the integrity of the embankment.

Halcomb's Landing. VCI Doyon continued to drill, blast, haul and compact shot rock in Phase II of the old Halcomb's Landing parking area. Some shot rock was used by Kiewit in construction of the work platform. Preparations are being made for relocating the utilities along Power Plant Road and US 127. The environmental team has determined that this work was covered in the original project Environmental Assessment. Real Estate Division will issue a right-of-entry to allow construction to commence quickly.

Miscellaneous. Savannah District moved a drill rig on site to assist Baltimore District with exploratory drilling on the downstream embankment.



Construction of sheet pile wall for work platform

This Week's Activities

- Drill and grout in the gallery
- Drive sheet pile for permanent work platform
- Place borrow material for temporary work platform
- Drill, blast, and compact shot rock in Halcomb's landing parking lot
- Drill and install piezometers
- Prepare to relocate utilities along Power Plant Road and US 127.

Water Management Report

The drawdown at Wolf Creek is nearing completion. Lake elevation at 6 AM this morning was 680.49.

The current forecast is for the Wolf Creek headwater to be at 680.0 on 25 February. There has not been any significant rainfall in the past week. The forecast for the next three days is for 0.25 inches of rain. There is

additional rain forecast for days four and five of 0.5-0.75 inches over the Wolf Creek Basin.

The reduced flows from Wolf Creek have resulted in hydropower shortfalls from the Cumberland Basin reservoir system.

Lake Cumberland Elevation

680.49

Time: 0600
20 Feb 2007

